

SAI CHANDRA MOULI TADIPARTHI

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Portfolio: sachmo99.github.io/portfolio

Objective

A budding software engineer seeking opportunity for an internship as a *software development engineer* or related in an intriguing corporate environment that focuses on innovative out-of-box products and challenging projects, to learn and enhance one's own skills while making a significant contribution to the success of the company.

Education

<u>Degree:</u> <ul style="list-style-type: none">• <u>Course:</u> BTech in Computer Science and Engineering• <u>University:</u> Amrita Vishwa Vidyapeetham, Ettimadai• <u>Period:</u> 2017 -2021• <u>CGPA:</u> 9.53/10 (Upto 6th semester)	<u>Higher Secondary Education</u> <ul style="list-style-type: none">• <u>Stream / Subjects:</u> Maths, Physics and Chemistry• <u>Institution:</u> Narayana Junior College, Kakinada (Board of Intermediate Education, Andhra Pradesh)• <u>Period:</u> 2015-2017• <u>Marks / Grade:</u> 975/1000 (97.5%)
<u>Secondary Education</u> <ul style="list-style-type: none">• <u>Institution:</u> Narayana e-Techno School, Kakinada• <u>Period:</u> 2013-2015(9th and 10th)• <u>Board:</u> Board of Secondary Education(SSC), AP• <u>Grade:</u> 9.8/10(10th SSC)	<u>Primary Education</u> <ul style="list-style-type: none">• <u>Institution:</u> St. Rita High School, Hyderabad• <u>Period:</u> 2005-2013(1st to 8th standard)• <u>Board:</u> Board of Secondary Education, AP

Areas of Technical Interest:

- Web and app development
- Networks and Cybersecurity (web)
- Cloud Computing
- Internet of Things

Projects

- ❑ **Topic:** *Android PasswordManager*
 - ❑ **Duration:** April'2020 - present
 - ❑ **Objective:** To create an open source configurable PasswordManager app with Biometric lock which relies on the user's own firebase realtime database to Read,Add,Modify and Delete details of websites the user is registered in and their passwords for memorization. **Benefits:** complete control of the database. Build in MVVM architecture to avoid memory leaks. Separated business logic from view bindings.
 - ❑ **Tools or techniques used:** Android Studio, Firebase - realtime database, MVVM, databinding library, lifecycle - androidx.
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- ❑ **Topic:** *Quiz App (Academic Project for Software Engineering)*
 - ❑ **Duration:** November'2019 - January'2020
 - ❑ **Objective:** A Quiz Application for students and faculty for working on academic quizzes.
 - ❑ **Tools or techniques used:** MERN stack, Github Actions and workflows, MongoCloud, browserStack, Heroku PaaS
 - ❑ **Role:** DevOps engineer and Security Tester.
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- ❑ **Topic:** *Amrita EventLog (Academic project under Java and OOPS subject)*
 - ❑ **Duration/Period:** 2018
 - ❑ **Objective:** An Android App to gather and display details of all ongoing events in Amrita University
 - ❑ **Tools or techniques used:** Android Studio, Firebase
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- ❑ **Topic:** *Corona Medical Resources Statistics Website - Volunteers India Corona Software (<https://github.com/VICS-CORE/covid-api.git>) (Collaboration project)*
 - ❑ **Duration:** April'2020
 - ❑ **Objective:** To display statistics of available medical resources in India (District wise). The details are gathered using volunteers across the country and our task is to aggregate them and make them presentable.
 - ❑ **Tools:** Nodejs, cronjobs in linux
 - ❑ **Role:** To write and deploy scheduled scripts to collect data from google spreadsheet and format them into structured json bodies with district and state-level aggregates.

Other Technical Qualification:

1. Intel EDGE Computing course basics from Udacity
2. **CCNA certified** in ROUTING and SWITCHING
3. Google Cloud Computing - Core fundamentals certificate from Coursera.
4. Android Basics certification from Udacity.
5. Certifications by Cisco on
 - Cybersecurity Essentials
 - Cisco Dev_Net API design workshop

Has adequate knowledge in

- MySQL/MongoDB, Express, ReactJS, NodeJS
- Android Studio
- python, core java
- Flask

Achievements, Scholarships, Honours, Contribution, etc:

Participated in various CTFs like HACKCON, CODEFEST-CTF by IIT-bhu(rank 109), BCACTF, GOOGLE BEGINNER'S QUEST CTF, AFFINITY CTF by akamai group(ranked 76 of 450) under team EXPLOIT_IT (<https://ctftime.org/team/82868>)

· Contribution - **Technical Head** of CSE and one of the question setters for contest Figure-em-all in Anokha Techfest'2020. (Amrita's Annual Technical Fest)

· Achievement - **Runners up** in Honeywell **SLAC Hackathon** (August 2019)
· Details: Trained a model to segregate audible voice clips using bi-directional LSTM from an audio stream obtained from radio conversations.

· *Attended ACM Summer School on CyberSecurity and Data Analytics at IIITD in july 2019.*

· Achievement - One of the branch toppers of CSE in 2017-18

· Scholarship - Recipient of AmritaNidhi scholarship for AEEE rank (AIR 399) - (2017 to present)

· Achievement - Winner of academic excellence awards in 11th and 12th standards (2015-2017)

Extra Curricular Activities:

- Contributed to NSS Amrita, sahaya club for social service
- Elected Member of ASCII and CSI clubs of CSE Dept
- Conducted a **workshop on Cybersecurity** topics and popular attacks like SQLInjections, tools like Wireshark, Nmap etc.,
- Volunteer for ICPC contest management - 2019

Personal details

· Date of Birth: 29 July, 1999

· Language proficiency: Telugu, Hindi and English

· Hobbies / Interests: Reading novels, playing keyboard, playing badminton and football

· Contact Address: G.305,Vasistha Bhavan, Amrita School of Engineering, Amrita Vishwa Vidyapeetham, Ettimadai, Tamil Nadu-641112

· Permanent Address: D.no: 7-4-23, Seshasai street,Ramaraopeta, Kakinada, AP-533004

I hereby declare that the above mentioned details are true to the core of my knowledge and any mistakes are unintentional.

Place: Amrita School of Engineering, Ettimadai

Date: 04 March, 2020

Signature

T Sai Chandra Mouli